

=> file reg

FILE 'REGISTRY' ENTERED AT 17:28:55 ON 03 DEC 2003

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 DEC 2003 HIGHEST RN 622845-74-3

DICTIONARY FILE UPDATES: 2 DEC 2003 HIGHEST RN 622845-74-3

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

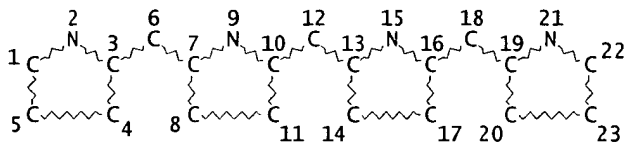
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d que stat l13

L1 STR



NODE ATTRIBUTES:

CONNECT IS E2 RC AT 2

CONNECT IS E2 RC AT 9

CONNECT IS E2 RC AT 15

CONNECT IS E2 RC AT 21

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

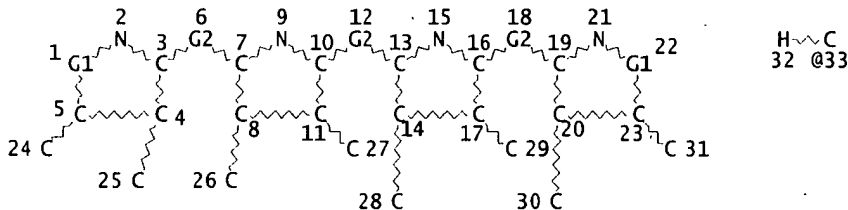
RSPEC I

NUMBER OF NODES IS 23

STEREO ATTRIBUTES: NONE

L3 2762 SEA FILE=REGISTRY SSS FUL L1

L11 STR



Ak~CH
34 @35

Ak~C~Ak
36 @37 38

Ak~C
39 @40

C~Q
@41 42

VAR G1=CH2/35/37/40/41/33

VAR G2=CH2/33/35/37/40

NODE ATTRIBUTES:

CONNECT IS E2 RC AT 2

CONNECT IS E3 RC AT 4

CONNECT IS E3 RC AT 5

CONNECT IS E3 RC AT 8

CONNECT IS E2 RC AT 9

CONNECT IS E3 RC AT 11

CONNECT IS E3 RC AT 14

CONNECT IS E2 RC AT 15

CONNECT IS E3 RC AT 17

CONNECT IS E3 RC AT 20

CONNECT IS E2 RC AT 21

CONNECT IS E3 RC AT 23

CONNECT IS E2 RC AT 33

CONNECT IS E3 RC AT 40

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 42

STEREO ATTRIBUTES: NONE

L13 1906 SEA FILE=REGISTRY SUB=L3 SSS FUL L11

100.0% PROCESSED 2661 ITERATIONS

1906 ANSWERS

SEARCH TIME: 00.00.01

=> file medline

FILE 'MEDLINE' ENTERED AT 17:28:56 ON 03 DEC 2003

FILE LAST UPDATED: 2 DEC 2003 (20031202/UP). FILE COVERS 1958 TO DATE.

On April 13, 2003, MEDLINE was reloaded. See HELP RLOAD for details.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2003 vocabulary. See <http://www.nlm.nih.gov/mesh/changes2003.html> for a description on changes.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que nos 164

```

L1          STR
L3          2762 SEA FILE=REGISTRY SSS FUL L1
L11         STR
L13         1906 SEA FILE=REGISTRY SUB=L3 SSS FUL L11
L46         16595 SEA FILE=MEDLINE ABB=ON PLU=ON L13
L49         15770 SEA FILE=MEDLINE ABB=ON PLU=ON BILE PIGMENTS+NT/CT
L59         86460 SEA FILE=MEDLINE ABB=ON PLU=ON CELL(2A)PROLIFERAT?
L60         45 SEA FILE=MEDLINE ABB=ON PLU=ON L59 AND L46
L61         46 SEA FILE=MEDLINE ABB=ON PLU=ON L59 AND L49
L62         47 SEA FILE=MEDLINE ABB=ON PLU=ON (L60 OR L61)
L63         5424 SEA FILE=MEDLINE ABB=ON PLU=ON L49/MAJ
L64         7 SEA FILE=MEDLINE ABB=ON PLU=ON L62 AND L63

```

=> d que nos 170

L49 15770 SEA FILE=MEDLINE ABB=ON PLU=ON BILE PIGMENTS+NT/CT
 L51 118023 SEA FILE=MEDLINE ABB=ON PLU=ON CELL DIFFERENTIATION+NT/CT
 L63 5424 SEA FILE=MEDLINE ABB=ON PLU=ON L49/MAJ
 L65 45 SEA FILE=MEDLINE ABB=ON PLU=ON L63 AND L51
 L66 5 SEA FILE=MEDLINE ABB=ON PLU=ON L65 AND DIFFERENTIAT?
 L67 601 SEA FILE=MEDLINE ABB=ON PLU=ON L49(L)(TU OR PK OR PD OR AD
 OR AI)/CT
 L68 4 SEA FILE=MEDLINE ABB=ON PLU=ON L67 AND L65
 L69 3 SEA FILE=MEDLINE ABB=ON PLU=ON L66 AND L67
 L70 4 SEA FILE=MEDLINE ABB=ON PLU=ON (L68 OR L69)

=> d que nos 172

L49 15770 SEA FILE=MEDLINE ABB=ON PLU=ON BILE PIGMENTS+NT/CT
 L67 601 SEA FILE=MEDLINE ABB=ON PLU=ON L49(L)(TU OR PK OR PD OR AD
 OR AI)/CT
 L71 1461 SEA FILE=MEDLINE ABB=ON PLU=ON RECEPTOR, ARYL HYDROCARBON/CT
 L72 2 SEA FILE=MEDLINE ABB=ON PLU=ON L71 AND L67

=> s 164 or 170 or 172

L89 13 L64 OR L70 OR L72

=> file inpadoc

FILE 'INPADOC' ENTERED AT 17:29:00 ON 03 DEC 2003
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FILE LAST UPDATED: 28 NOV 2003 <20031128/UP>
 28 NOV 2003 <20031128/UPLS>
 MOST RECENT INPADOC WEEK: 200348 <200348/EW>
 FILE COVERS 1968 TO DATE.

LEGAL STATUS REBUILD ----> SEE NEWS OR
<http://www.stn-international.de/stndatabases/details/LSR.pdf>

>>> FOR STATISTIC OF CURRENT WEEK'S NEW ENTRIES,
ENTER HELP UPS <<<

>>> STATISTIC FOR UPDATES OF PUBLICATION/PATENT KIND CODES
 A. SORTED BY COUNTRY:
<http://www.stn-international.de/stndatabases/details/inpadoc/fkd1>
 B. SORTED BY DATE:
<http://www.stn-international.de/stndatabases/details/inpadoc/fkd2>

<<<

>>> THE BASIC INDEX NOW CONTAINS SINGLE TERMS FROM THE
 TITLE (/TI) AND ABSTRACT FIELDS (/AB) AND ALLOWS
 SIMULTANEOUS LEFT AND RIGHT TRUNCATION (SLART) <<<

>>> FOR CHANGES IN INPADOC ----> SEE HELP CHANGE
 (LAST UPDATED SEP 9, 2003) <<<

=> d que 182

L82 3 SEA FILE=INPADOC ABB=ON PLU=ON DIFFEREG?

=> file hcaplus

FILE 'HCAPLUS' ENTERED AT 17:29:01 ON 03 DEC 2003
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FILE COVERS 1907 - 3 Dec 2003 VOL 139 ISS 23
FILE LAST UPDATED: 2 Dec 2003 (20031202/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que nos 117

```
L1          STR
L3          2762 SEA FILE=REGISTRY SSS FUL L1
L11         STR
L13         1906 SEA FILE=REGISTRY SUB=L3 SSS FUL L11
L14         13635 SEA FILE=HCAPLUS ABB=ON PLU=ON L13
L15         371 SEA FILE=HCAPLUS ABB=ON PLU=ON L14(L)(THU OR PKT OR PAC OR
DMA OR BAC)/RL
L17         6 SEA FILE=HCAPLUS ABB=ON PLU=ON L15(L)(PROLIF? OR DIFFERENTIAT
? OR MITOS? OR CELL(2A)DIVI? OR DIFFEREGUL?)
```

=> d que nos 138

```
L18         2597 SEA FILE=HCAPLUS ABB=ON PLU=ON VITELLOGENINS+PFT/CT
L19         5170 SEA FILE=HCAPLUS ABB=ON PLU=ON EGG YOLK+PFT/CT
L20         13143 SEA FILE=HCAPLUS ABB=ON PLU=ON BILE PIGMENTS+PFT,NT/CT
L21         23195 SEA FILE=HCAPLUS ABB=ON PLU=ON CELL CYCLE+PFT/CT
L22         23101 SEA FILE=HCAPLUS ABB=ON PLU=ON CELL DIVISION+PFT/CT
L23         13478 SEA FILE=HCAPLUS ABB=ON PLU=ON MITOSIS+PFT/CT
L24         35075 SEA FILE=HCAPLUS ABB=ON PLU=ON CELL DIFFERENTIATION+PFT/CT
L25         53939 SEA FILE=HCAPLUS ABB=ON PLU=ON CELL PROLIFERATION+PFT/CT
L26         126647 SEA FILE=HCAPLUS ABB=ON PLU=ON (L21 OR L22 OR L23 OR L24 OR
L25)
L36         20850 SEA FILE=HCAPLUS ABB=ON PLU=ON (L18 OR L19 OR L20)
L37         59 SEA FILE=HCAPLUS ABB=ON PLU=ON L36(L)(PROLIF? OR DIFFERENTIAT
? OR MITOS? OR CELL(2A)DIVI?)
L38         18 SEA FILE=HCAPLUS ABB=ON PLU=ON L37 AND L26
```

=> d que nos 140

```
L18         2597 SEA FILE=HCAPLUS ABB=ON PLU=ON VITELLOGENINS+PFT/CT
L19         5170 SEA FILE=HCAPLUS ABB=ON PLU=ON EGG YOLK+PFT/CT
L20         13143 SEA FILE=HCAPLUS ABB=ON PLU=ON BILE PIGMENTS+PFT,NT/CT
L21         23195 SEA FILE=HCAPLUS ABB=ON PLU=ON CELL CYCLE+PFT/CT
L22         23101 SEA FILE=HCAPLUS ABB=ON PLU=ON CELL DIVISION+PFT/CT
L23         13478 SEA FILE=HCAPLUS ABB=ON PLU=ON MITOSIS+PFT/CT
L24         35075 SEA FILE=HCAPLUS ABB=ON PLU=ON CELL DIFFERENTIATION+PFT/CT
L25         53939 SEA FILE=HCAPLUS ABB=ON PLU=ON CELL PROLIFERATION+PFT/CT
L26         126647 SEA FILE=HCAPLUS ABB=ON PLU=ON (L21 OR L22 OR L23 OR L24 OR
L25)
L36         20850 SEA FILE=HCAPLUS ABB=ON PLU=ON (L18 OR L19 OR L20)
L39         380 SEA FILE=HCAPLUS ABB=ON PLU=ON L36(L)(THU OR PKT OR PAC OR
DMA OR BAC)/RL
```

L40 5 SEA FILE=HCAPLUS ABB=ON PLU=ON L39 AND L26

=> d que nos 145

L1 STR
 L3 2762 SEA FILE=REGISTRY SSS FUL L1
 L11 STR
 L13 1906 SEA FILE=REGISTRY SUB=L3 SSS FUL L11
 L14 13635 SEA FILE=HCAPLUS ABB=ON PLU=ON L13
 L20 13143 SEA FILE=HCAPLUS ABB=ON PLU=ON BILE PIGMENTS+PFT,NT/CT
 L41 1641 SEA FILE=HCAPLUS ABB=ON PLU=ON AROMATIC HYDROCARBON RECEPTORS
 +PFT,NT/CT
 L43 9 SEA FILE=HCAPLUS ABB=ON PLU=ON L14 AND L41
 L44 9 SEA FILE=HCAPLUS ABB=ON PLU=ON L20 AND L41
 L45 9 SEA FILE=HCAPLUS ABB=ON PLU=ON (L43 OR L44)

=> s 117 or 138 or 140 or 145

L90 30 L17 OR L38 OR L40 OR L45

=> file wpix

FILE 'WPIX' ENTERED AT 17:29:05 ON 03 DEC 2003
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FILE LAST UPDATED: 3 DEC 2003 <20031203/UP>
 MOST RECENT DERWENT UPDATE: 200378 <200378/DW>
 DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> NEW WEEKLY SDI FREQUENCY AVAILABLE --> see NEWS <<<

>>> SLART (Simultaneous Left and Right Truncation) is now
 available in the /ABEX field. An additional search field
 /BIX is also provided which comprises both /BI and /ABEX <<<

>>> PATENT IMAGES AVAILABLE FOR PRINT AND DISPLAY <<<

>>> FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE,
 PLEASE VISIT:
http://www.stn-international.de/training_center/patents/stn_guide.pdf <<<

>>> FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE
<http://thomsonderwent.com/coverage/latestupdates/> <<<

>>> FOR INFORMATION ON ALL DERWENT WORLD PATENTS INDEX USER
 GUIDES, PLEASE VISIT:
<http://thomsonderwent.com/support/userguides/> <<<

=> d que 185

L83 1036 SEA FILE=WPIX ABB=ON PLU=ON BILE PIGMENT OR BILIN OR
 BILIRUBIN OR BILIVERDINE
 L84 14334 SEA FILE=WPIX ABB=ON PLU=ON CELL(5A)(DIFFERENTIAT? OR
 PROLIFERAT?)
 L85 6 SEA FILE=WPIX ABB=ON PLU=ON L83 AND L84

=> d que 188

L83 1036 SEA FILE=WPIX ABB=ON PLU=ON BILE PIGMENT OR BILIN OR
 BILIRUBIN OR BILIVERDINE
 L86 6648 SEA FILE=WPIX ABB=ON PLU=ON ARYL HYDROCARBON OR AH OR

POLYAROMATIC OR TCDD OR DIOXIN
L87 43 SEA FILE=WPIX ABB=ON PLU=ON L86(4A)RECEPTOR
L88 2 SEA FILE=WPIX ABB=ON PLU=ON L87 AND L83

=> s 185 or 188
L91 6 L85 OR L88

=> dup rem 189 182 190 191
FILE 'MEDLINE' ENTERED AT 17:31:49 ON 03 DEC 2003

FILE 'INPADOC' ENTERED AT 17:31:49 ON 03 DEC 2003
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FILE 'WPIX' ENTERED AT 17:31:49 ON 03 DEC 2003
COPYRIGHT (C) 2003 THOMSON DERWENT
PROCESSING COMPLETED FOR L89
PROCESSING COMPLETED FOR L82
PROCESSING COMPLETED FOR L90
PROCESSING COMPLETED FOR L91
L92 43 DUP REM L89 L82 L90 L91 (9 DUPLICATES REMOVED)
ANSWERS '1-13' FROM FILE MEDLINE
ANSWERS '14-16' FROM FILE INPADOC
ANSWERS '17-41' FROM FILE HCAPLUS
ANSWERS '42-43' FROM FILE WPIX